



# Steel-sheet distribution boxes T-BOX



Valid from: 22.11.2024 www.sez-krompachy.sk





# About the company

SEZKrompachy, a.s., with a 75-year tradition, is a reliable manufacturer of complex low and high-voltage electrical devices used for circuit protection and control, including protection against electric current accidents.

The company has its own manufacturing capacities, which include modern technologies for the production of metal components, plastic parts, molds and tools, as well as surface treatment, welding and assembly technologies.

With its own development capacities, an in-house testing laboratory, and cooperation with universities, the company has the potential for continuous product innovation to meet customer needs and comply with international standards.

The sale of products both domestically and internationally is supported by certificates from independent accredited testing laboratories in Slovakia, the Czech Republic, England, Ukraine, and Germany. The company holds the EN ISO 9001:2015 quality management system certificate and the EN ISO 14001:2015certificate. Additionally, the company holds certificates for products according to UL 1077and UL 508 standards, as well as VDE,CCA,andCCBcertificates.

#### **Our Motto**

Over the years, SEZ has been known as a supplier of low-cost, acceptable-quality products. Our new motto is: "SEZ is a manufacturer of quality equipment at a fair price."

#### Market position

Over the past few years, the company has managed to build on the successes achieved in the field of electrical engineering in the '80s and '90s and gradually regain its position in the domestic market, in the CzechRepublic, and in other European and world markets. With a balanced distribution of export activities, it was possible to largely eliminate the consequences of local economic crises and the activities of competitors, thereby ensuring the stability of the companyas a whole.



# Distribution Board Features





SEZ

# Heavy Duty Distribution Boards-450mm width DB(18Modules/Row)



- HeavyDuty Distribution Board is a fully welded construction
- Door gasket Cast-In-Situ ,seamless PUgasket
- Door hinges Aluminium die-cast heavyduty hinges
- Doorlock Doublebit quarter turn lock
- Lock cam Steel cam for durability
- Earth stud on the door and cabin
- DINfront plates are separate modular plates for easyremoval
- Top & bottom gland plates are recessed and with PUseamless gasket
- Noscrews are visible from outside of the gland plate
- Backside with ribs for extra strength
- Flush frame comes with a plastic lock handle

Order Number	Description	No of Rows	No of Modules / Row	Dimensions (WxHxD)mm	Mounting Type	Thickness (mm)	Neutral Bar	Earth Bar
760 106	HeavyDuty Distribution Boards	1 Rows x 18 Ways	(18Modules/Row)	450X250X125	Surface	1.0mm	18 Ways	9 Ways
760 126	HeavyDuty Distribution Boards	2 Rows x 18 Ways	(18Modules/Row)	450X400X125	Surface	1.0mm	36 Ways	18 Ways
760 146	HeavyDuty Distribution Boards	3 Rows x 18 Ways	(18Modules/Row)	450X600X125	Surface	1.2mm	54 Ways	27 Ways
760 166	HeavyDuty Distribution Boards	4 Rows x 18 Ways	(18Modules/Row)	450X750X125	Surface	1.2mm	72 Ways	36 Ways
760 170	HeavyDuty Distribution Boards	5 Rows x 18 Ways	(18Modules/Row)	450X900X130	Surface	1.2mm	90 Ways	45 Ways
760 171	Heavy Duty Distribution Boards	6 Rows x 18 Ways	(18Modules/Row)	450X1050X130	Surface	1.2mm	108 Ways	54 Ways
760 172	HeavyDuty Distribution Boards	7 Rows x 18Ways	(18Modules/Row)	450X1250X130	Surface	1.2mm	126 Ways	63 Ways
760 173	HeavyDuty Distribution Boards	8 Rows x 18 Ways	(18Modules/Row)	450X1400X130	Surface	1.2mm	144 Ways	72 Ways
760 174	HeavyDuty Distribution Boards	9 Rows x 18 Ways	(18Modules/Row)	450X1550X130	Surface	1.2mm	162 Ways	81Ways
760 175	HeavyDuty Distribution Boards	10 Rows x 18 Ways	(18Modules/Row)	450X1750X130	Surface	1.2mm	180 Ways	90 Ways
724585	Flush Frame - for HD Distribution Boards	1 Rowsx 18Ways		450X250		1.2mm		
724586	Flush Frame - for HD Distribution Boards	2 Rowsx 18Ways		450X400		1.2mm		
724587	Flush Frame - for HDDistribution Boards	3 Rowsx 18Ways		450X600		1.2mm		
724588	Flush Frame - for HDDistribution Boards	4 Rowsx 18Ways		450X750		1.2mm		
724589	Flush Frame - for HDDistribution Boards	5 Rowsx 18Ways		450X900		1.2mm		
724591	Flush Frame- for HDDistribution Boards	6 Rowsx 18Ways		450X1050		1.2mm		
724592	Flush Frame - for HDDistribution Boards	7Rows x 18Ways		450X1250		1.2mm		
724593	Flush Frame - for HD Distribution Boards	8 Rowsx 18Ways		450X1400		1.2mm		
724594	Flush Frame - for HD Distribution Boards	9 Rowsx 18Ways		450X1550		1.2mm		
724595	Flush Frame - for HDDistribution Boards	10Rowsx 18Ways		450X1750		1.2mm		

#### Notes

#### Neutral links - Insulated Neutral links

Color: White RAL9010, or RAL9003 or any other color as customer request (subject to MOQ)

#### Testing

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- IP65tested at UKASaccredited test lab in the UK
- > 200hrs salt spray tested at UKASaccredited test lab in the UK
- IK08 impact test, tested at UKASaccreditedtest lab in the UK

(Pleasecontactus for latest testing and certificates)



# Heavy Duty Distribution Boards - 600mm width DB(24 Modules / Row)





- HeavyDuty Distribution Board is a fully welded construction
- Door gasket Cast-In-Situ ,seamless PUgasket
- Door hinges Aluminium die-cast heavyduty hinges
- Doorlock Doublebit quarter turn lock
- Lock cam Steel cam for durability
- Earth stud on the door and cabin
- DINfront plates are separate modular plates for easyremoval
- Top & bottom gland plates are recessed and with PUseamless gasket
- Noscrews are visible from outside of the gland plate
- Backside with ribs for extra strength
- Flush frame comes with a plastic lock handle

Order Number	Description	No of Rows	No of Modules / Row	Dimensions (WxHxD)mm	Mounting Type	Thickness (mm)	Neutral Bar	Earth Bar
760 200	HeavyDuty Distribution Boards	2 Rowsx 24 Ways	(24 Modules/Row)	600X400X125	Surface	1.2mm	48 Ways	24 Ways
760 201	HeavyDuty Distribution Boards	3 Rowsx 24 Ways	(24 Modules/Row)	600X600X125	Surface	1.2mm	72 Ways	36 Ways
760 202	HeavyDuty Distribution Boards	4 Rows x 24 Ways	(24 Modules/Row)	600X750X125	Surface	1.2mm	96 Ways	48 Ways
760 203	HeavyDuty Distribution Boards	5 Rows x 24 Ways	(24 Modules/Row)	600X900X130	Surface	1.2mm	120 Ways	60 Ways
760204	HeavyDuty Distribution Boards	6 Rows x 24 Ways	(24 Modules/Row)	600X1050X130	Surface	1.2mm	144 Ways	72 Ways
760 205	HeavyDuty Distribution Boards	7 Rows x 24 Ways	(24 Modules/Row)	600X1250X130	Surface	1.2mm	168 Ways	84 Ways
760206	HeavyDuty Distribution Boards	8 Rows x 24 Ways	(24 Modules/Row)	600X1400X130	Surface	1.2mm	192 Ways	96 Ways
760 207	HeavyDuty Distribution Boards	9 Rows x 24 Ways	(24 Modules/Row)	600X1550X130	Surface	1.2mm	216 Ways	108 Ways
760208	HeavyDuty Distribution Boards	10 Rows x 24 Ways	(24 Modules/Row)	600X1750X130	Surface	1.2mm	240 Ways	120 Ways
704500		0.0		0001/100		4.0		
724560	Flush Frame - for HDDistribution Boards	2 Rowsx 24 Ways		600X400		1.2mm		
724564	Flush Frame - for HDDistribution Boards	3 Rowsx 24 Ways		600X600		1.2mm		
724567	Flush Frame - for HDDistribution Boards	4 Rowsx 24 Ways		600X750		1.2mm		
724569	Flush Frame - for HDDistribution Boards	5 Rowsx 24 Ways		600X900		1.2mm		
724 571	Flush Frame - for HDDistribution Boards	6 Rowsx 24 Ways		600X1050		1.2mm		
724572	Flush Frame - for HDDistribution Boards	7Rows x 24 Ways		600X1250		1.2mm		
724 597	Flush Frame - for HDDistribution Boards	8 Rowsx 24 Ways		600X1400		1.2mm		
724 598	Flush Frame - for HDDistribution Boards	9 Rowsx 24 Ways		600X1550		1.2mm		
724599	Flush Frame - for HDDistribution Boards	10Rowsx 24Ways		600X1750		1.2mm		

#### Notes

Neutral links - Insulated Neutral links Color: White RAL9010,or RAL9003 or any other color as customer request (subject to MOQ)

#### Testing

- ▶ IP65tested at UKASaccredited test lab in the UK
- > 200hrs salt spray tested at UKASaccredited test lab in the UK
- IK08 impact test, tested at UKASaccreditedtest lab in the UK

(Pleasecontactus for latest testing and certificates)

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RoHS



# Ceriticates

# Distribution Boards Test Certificates

TEST CERTIF		M. -44-05 1244-070000   Par. -44-05 1244-070000   Drad. 45-05104   Drad. 45-051000   Brad. 45-051000   Drad. 45-051000   Drad. 45-051000
TE	IT FOR THE INGRESS PROTECT A MILD STEEL ENCLOSURE	
Suppliers	AP Lanka (PVT) Ltd #415(/5, Leyland Road Panagoda Homogama Sri Lanka	- m
Model or Type Identification: Standard:	Mid stael enclosure B5 EN 60529:1992 Incorporate	ng Amendments Nos 1 and 2
<b>Deviations from Standard</b>	I Note	
ST&C Test Procedure:	LOP 220	
ST&C Test Reports:	OB/0712 and NSBD18596A	
Sample Delivery Date:	24 November 2008	
<b>Tests Conducted Between</b>	E 25 and 26 November 2008	
This certificate refers to the programme. It does not im requirements of the test programme.	performance of the test sample ply that any other samples or pri yamma.	when tested against the agr solucts necessarily comply with
Sira Test & Certification Limit 17025 has tested the aborequirements of the Ingress	ted being a UKAS accredited Test we mild steel enclosure, and h Protection Code: IP 65.	House in accordance with ISO/ as found it to comply with
		S. Ch
Dated 1 December 2008		S P Cork Laboratory Manager
This certificate r	nay only be reproduced in its entit	ety and without change
Certificate No: Sira 58D1	Page 1 of 1	
Form 6240, Jame 8		a lotrere plij group company
te Test & Continuence Ltd. Control on Plantan and Colhad Anthony	Explanative Degland. No 02000-45	Registered Office Screen Place 21 Corps Rolmed Services and Part Resignation

IP65,tested at UKAS accredited test lab in the UK



Certificate of Compliance



Impact test,for IKO8tested at UKASaccredited test lab in the UK



Certificate of Compliance



Salt spray tested for 200hrs at UKASaccredited test lab in the UK

	Certification & Inspection	
Ce	ertificate of	Compliance
We hereby a IEC 61439 General rul	1/2020 (Low-voltage switchgear	oduct confirms with the requirement of and controlgour assemblies . Part
	Certificate No.: UQ-I	Iraft
Manufact	iter	
Name	: AP Lanks (Pvt) Ltd. TIA TIN	(IK Exclosures
Address	: 4165, Leyland Road, Panage	
Products	: Modular Panels, Wall Mounting	Res Bedennes Distribution
2		on Skeel Exclosures, Stainless Skeel Termina
darigs, manual and is endpired		of the above productio' quality system counting the 1 The quality system has been accessed, approx- mentioned Barolard BC 614409-12020 (Low - Part 1: General rules).
This certifi	cate is issued under the followi	ng conditions:
1. The 8. The 4. AD	certificate validity is conditioned I	manufacturing conditions are changed, in positive results or surveillance audits, testing performance, the manufacturor
requirements	of a Declaration of conformity an	r the responsibility of the manufactures, and d compliance with all relevant Standar resolution of one sample of above mentione de production.
Validity of	this certificate can be verified.	at www.ukcertifications.org.uk/verify
Date of Ce	rtification	22nd April 2022
1× Surveil	ance Audit Due	21st April 2023
2=1 Surveil	lance Audit Due	21st April 2024
	Expiry (subject to the company m	aintaining its 21st April 2025
	e required standard) rised Signatory	
The orthogo	the property of UK Cartification & Inspection 1. 71-75 Shidnen Steert, Coroor Gorden, London Walnele: www.plazetfleations.org.ok. 0184 Company No. 1184	

IEC Certificate of Compliance



Quality ManagementCertified from DNV

We continuously do R&D and testing of our products. Please contact us for latest testing details and test certificates.

# **DISTRIBUTION BOARDS**

# **Technical Specifications**

# Technical Specifications of SEZDistribution Boards

#### Standards:

Designed and manufactured according to

IEC61439 -3, BS EN 61439 -3, AS/NZ 61439 -3 :2016, IEC62208,BSEN 62208 standards IEC60529:1989,BSEN 60529 standards

IEC–International Electrotechnical Commission BSEN-British Standards European Norm AU/NZS-Australian/New Zealand Standard

#### **Electrical Specifications:**

415V AC
1000V AC
50-60 Hz
250A
125A

# **General Specifications:**

#### Distribution Boards-SEZ

Indoor	
Installation:	Indoor
Mounting:	Wall Mounting
Degreeof protection:	IP65
Resistanceto corrosion:	Severity Test A
Mechanicalimpact:	IK 08

# Material Specifications:

#### Indoor

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Door:	Electro-Galvanized (EG)Steel- 1.0/1.2mm- Powder coated in RAL9010-fine texture finish
Cabin:	Electro-Galvanized (EG)Steel - 1.0/1.2mm- Powder coated in RAL9010
Door Gasket:	PU(Polyurethane) Form-in-place (FIPG)gasketsby PUgasket robot

Pleaserefer catalog to get material specifications of specific item Other thicknesses & colors on request.

# Paint Specifications:

Powder coated
Epoxy Polyester powder
60-80 μm
Semi-Gloss 50-70%
Finetexture
180 °C
Conveyorisedautomated powder coating process
1:Degreasing/Derusting/Cleaning & Process 2: Water cleansing & Process 3: Phosphating
IR(Infra Red)heaters
Tribo static powder coating system
IR(Infra Red)heaters

# **Technical Specifications**

Pleaserefer catalog to get paint specifications of specific item.

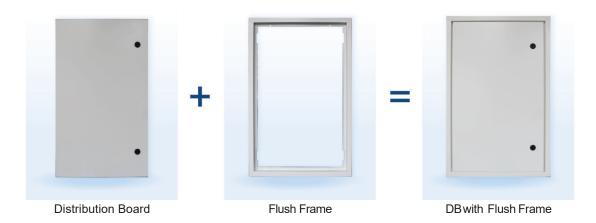


SEZ

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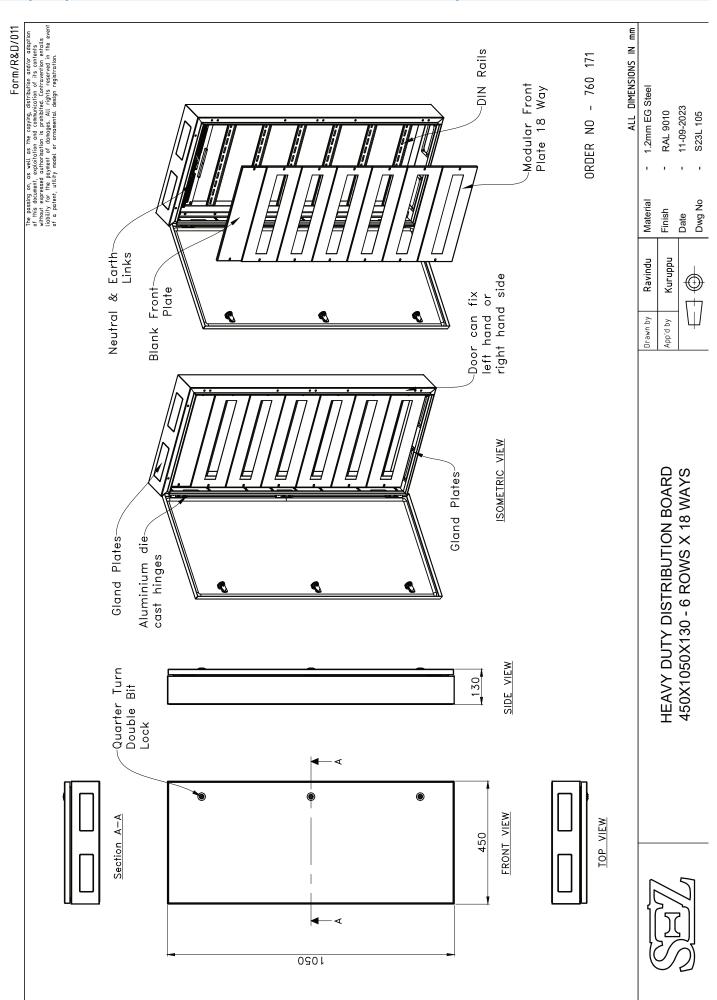








# Heavy Duty Distribution Board 450 X 1050 x 130-6 Rows X 18 Ways

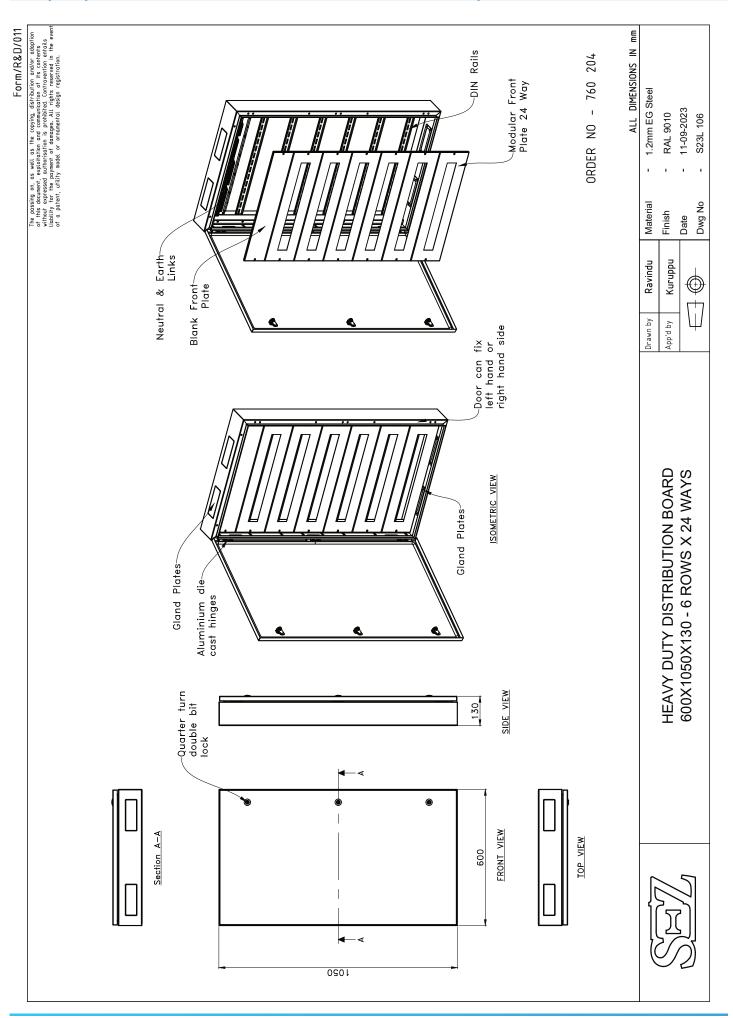






# **DISTRIBUTION BOARDS**

# Heavy Duty Distribution Board 600 x 1050x 130- 6 Rows X 24 Ways





# SEZ Krompachy a.s.

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